

D 30940

Name

Reg. No.



**SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, DECEMBER 2003**

CS 2K. 704. INTERNET TECHNOLOGIES

Time : Three Hours

Maximum : 100 Marks

Answer all the questions.

- I. (a) How is a file transfer protocol useful ?
(b) List the socket primitives for TCP.
(c) Explain the concept of Assured Forwarding PHB.
(d) Outline the goals of RSVP.
(e) What is an Anti-Replay Service ? Explain.
(f) Explain the architecture of SSL.
(g) What are Adhoc networks ? How are they useful ?
(h) Explain the working of Mobile TCP.

(8 × 5 = 40 marks)

- II. (a) What is a Name server ? Explain its working.

Or

- (b) Explain in brief, how a web page can be designed using HTML and XML.

(15 marks)

- III. (a) (i) Explain the concepts of RTP.

(7 marks)

- (ii) What is streaming ? Why is it required ?

(8 marks)

Or

- (b) Discuss in brief about the Network Management.

(15 marks)

- IV. (a) Explain the content types and transfer encodings of MIME.

Or

- (b) Discuss in detail about the password management.

- V. (a) (i) Explain the mechanism used for forwarding packets between HA and COA.

(7 marks)

- (ii) What are the implications of TCP on mobility ?

(8 marks)

Or

- (b) Explain in detail the applications of Wireless Telephony.

[4 × 15 = 60 marks]